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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter for which a patent is sought on the invention entitled: **"LIVE ATTENUATED BACTERIA OF THE SPECIES ACTINOBACILLUS PLEUROPNEUMONIAE"**

the specification of which

[CHECK ONE]

[] is attached hereto

[X] was filed on April 09, 1998 as Application Serial No. 09/057,570 and was amended on _____
[if applicable]

[] as filed under the Patent Cooperation Treaty on _____
Serial _____, The United States of America being designated.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined Title 37, Code of Federal Regulations Section 1.56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign applications(s) for patent or inventor's certificate having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign Application(s)			Priority claimed
<u>97201032.6</u>	<u>EP</u>	<u>10 / 04 / 1997</u>	<u>X</u> Yes <u> </u> No
Number	Country	Day/Month/Year filed	<u> </u> Yes <u> </u> No
<u> </u>	<u> </u>	<u> </u>	<u> </u> Yes <u> </u> No
Number	Country	Day/Month/Year filed	<u> </u> Yes <u> </u> No
<u> </u>	<u> </u>	<u> </u>	<u> </u> Yes <u> </u> No
Number	Country	Day/Month/Year filed	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the patent and Trademark

Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which

became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

(U.S. Serial No.) (Filing date) (Status-patented, pending, abandoned)

(U.S. Serial No. (Filing date) (Status-patented, pending, abandoned)

And I hereby appoint as principal attorney, William M. Blackstone, Registration No. 29,772, Mary E. Gormley, Registration No. 34,409 and Gregory R. Muir, Registration No. 35,293, and Sharon N. Klesner, Registration No. 36,335 as patent agent.

Please address all communications to:

William M. Blackstone
AKZO NOBEL
1300 Piccard Drive #206
Rockville, MD 20850-4373

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Ruud Philip Antoon Maria SEGERS

Inventor's signature _____

Date

Citizenship Dutch

Residence and P.O. Address Groenling 3, 5831 MZ BOXMEER - The Netherlands

Full name of second joint inventor Joachim FREY

Inventor's signature _____

April 29 1998

Date

Citizenship Swiss

Residence and P.O. Address Hoheweg 53, CH-3054 SCHUPFEN, Switzerland

Full name of third joint inventor _____

Inventor's signature _____

Date

Citizenship _____

Residence and P.O. Address _____

Full name of fourth joint inventor _____

Inventor's signature _____

Date

Citizenship _____

Residence and P.O. Address _____

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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My residence, post office address and citizenship are as stated below next to my name.

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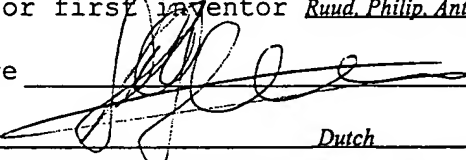
And I hereby appoint as principal attorney, William M. Blackstone, Registration No. 29,772, Mary E. Gormley, Registration No. 34,409 and Gregory R. Muir, Registration No. 35,293, and Sharon N. Klesner, Registration No. 36,335 as patent agent.

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Full name of sole or first inventor Ruud, Philip, Antoon, Maria, SEGERS

Inventor's signature 

29-4-98
Date

Citizenship Dutch

Residence and P.O. Address Groening 3, 5831 MZ BOXMEER - The Netherlands

Full name of second joint inventor Joachim, FREY

Inventor's signature _____

Date

Citizenship Swiss

Residence and P.O. Address Hoheweg 53, CH-3054 SCHUPFEN, Switzerland

Full name of third joint inventor _____

Inventor's signature _____

Date

Citizenship _____

Residence and P.O. Address _____

Full name of fourth joint inventor _____

Inventor's signature _____

Date

Citizenship _____

Residence and P.O. Address _____